

**Fig. 1**

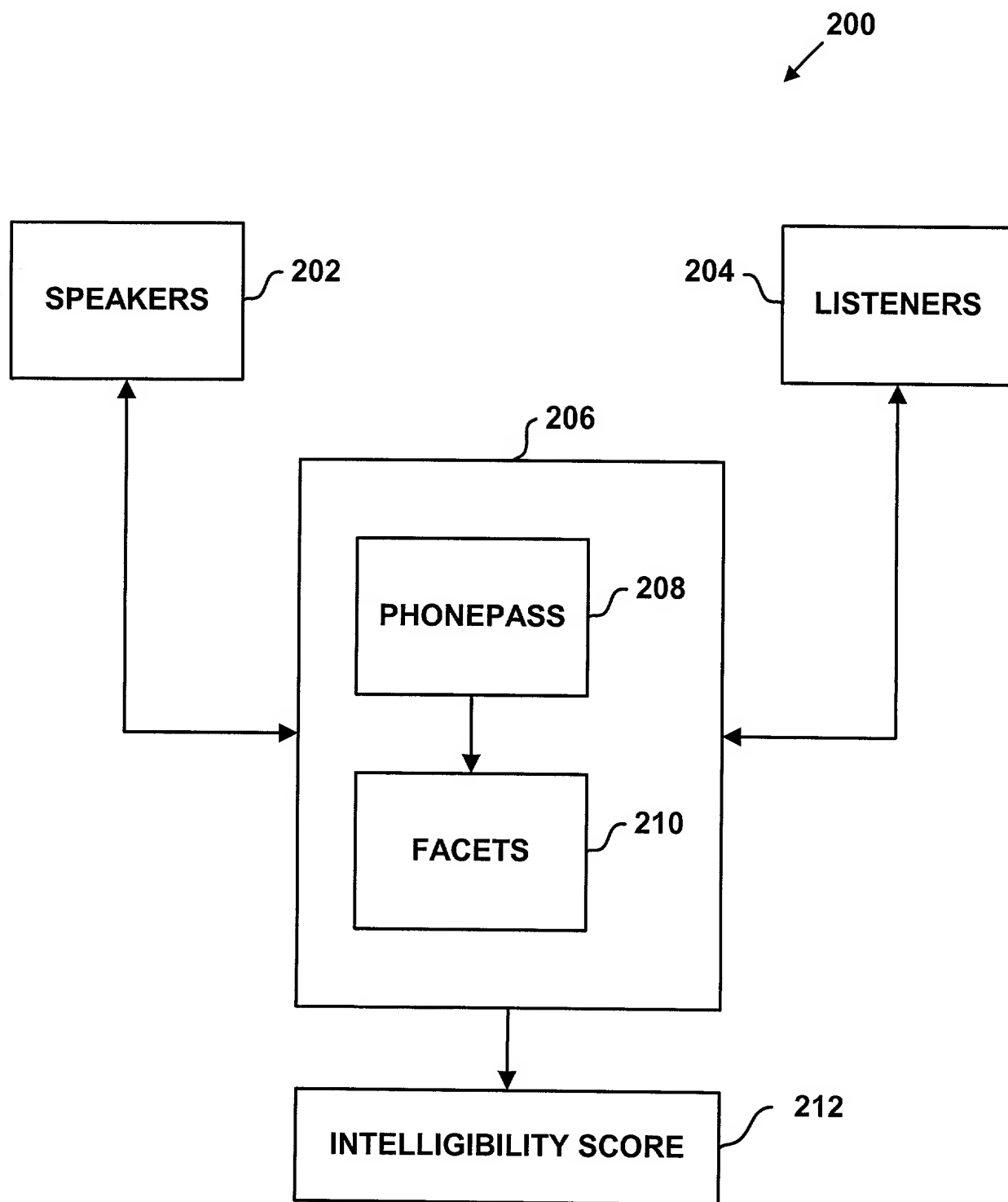
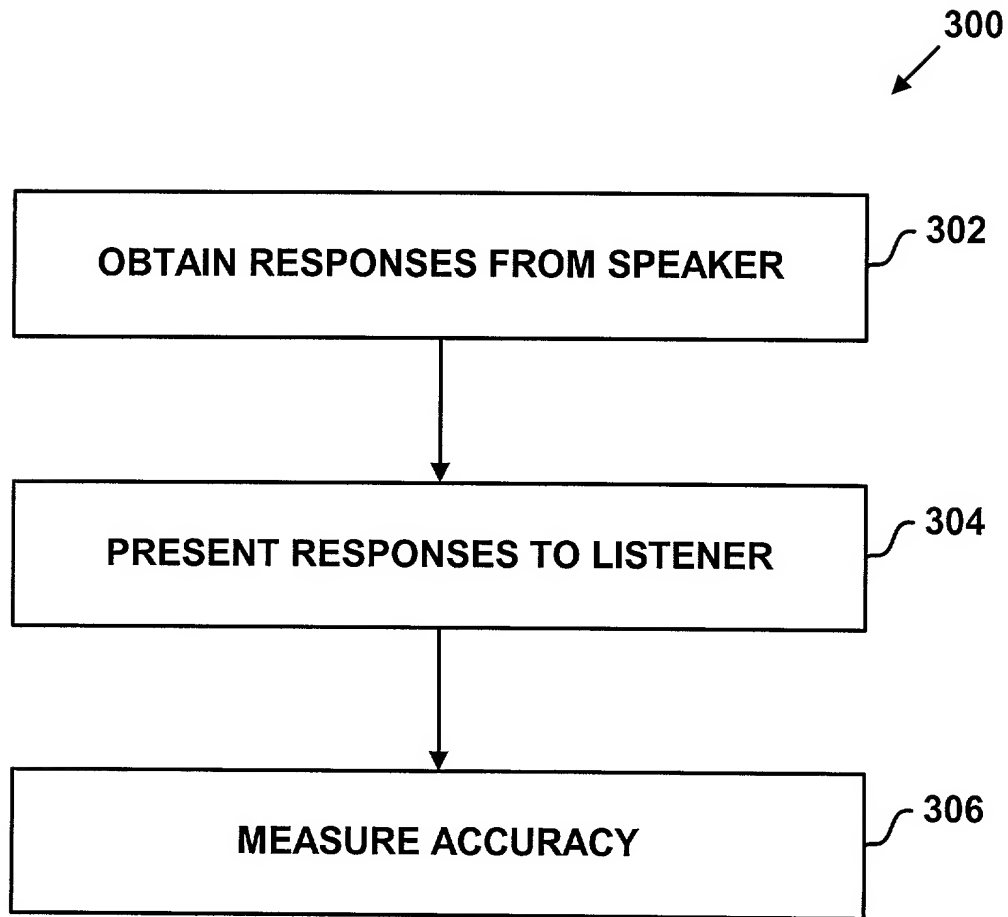


Fig. 2



**Fig. 3**

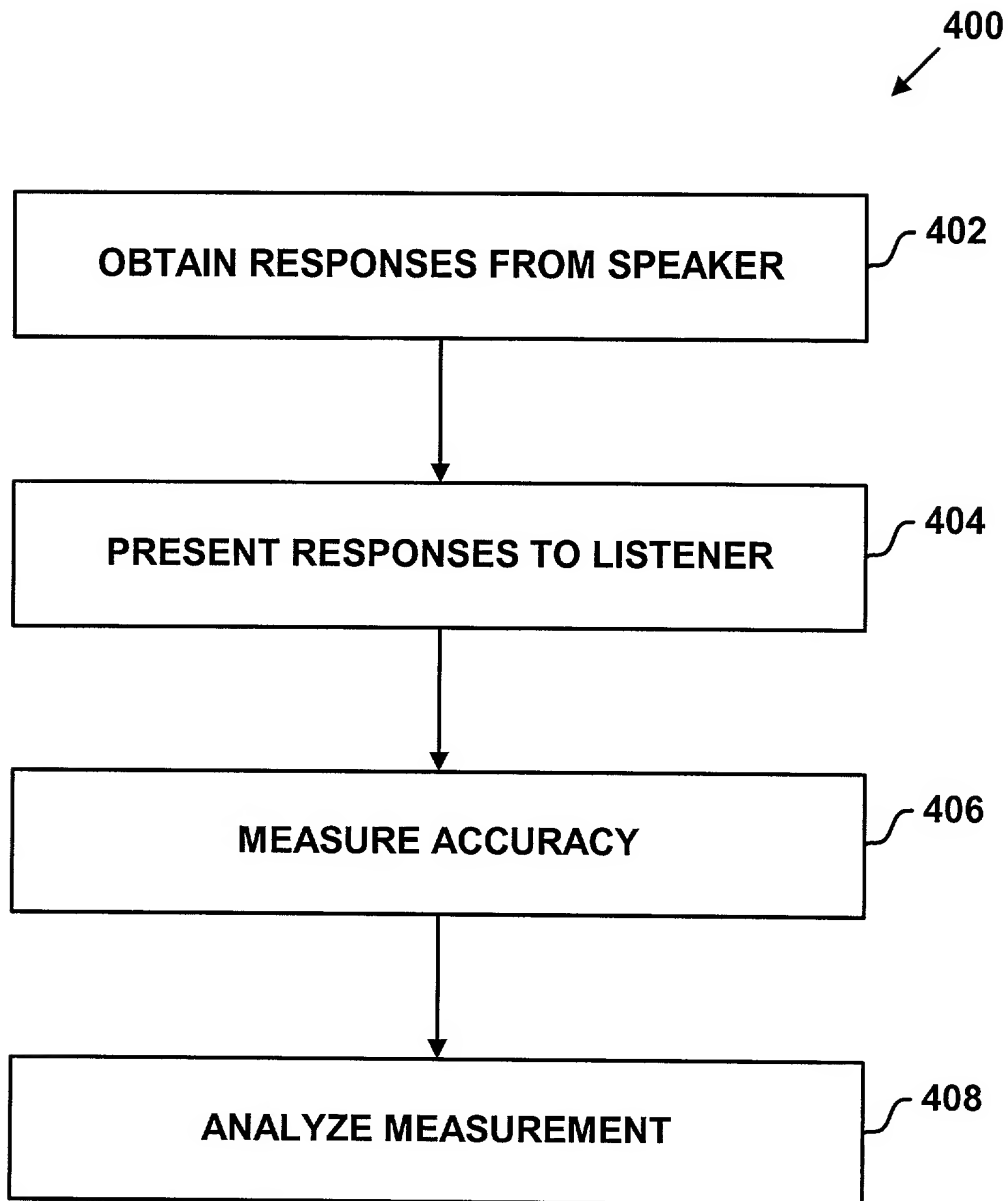
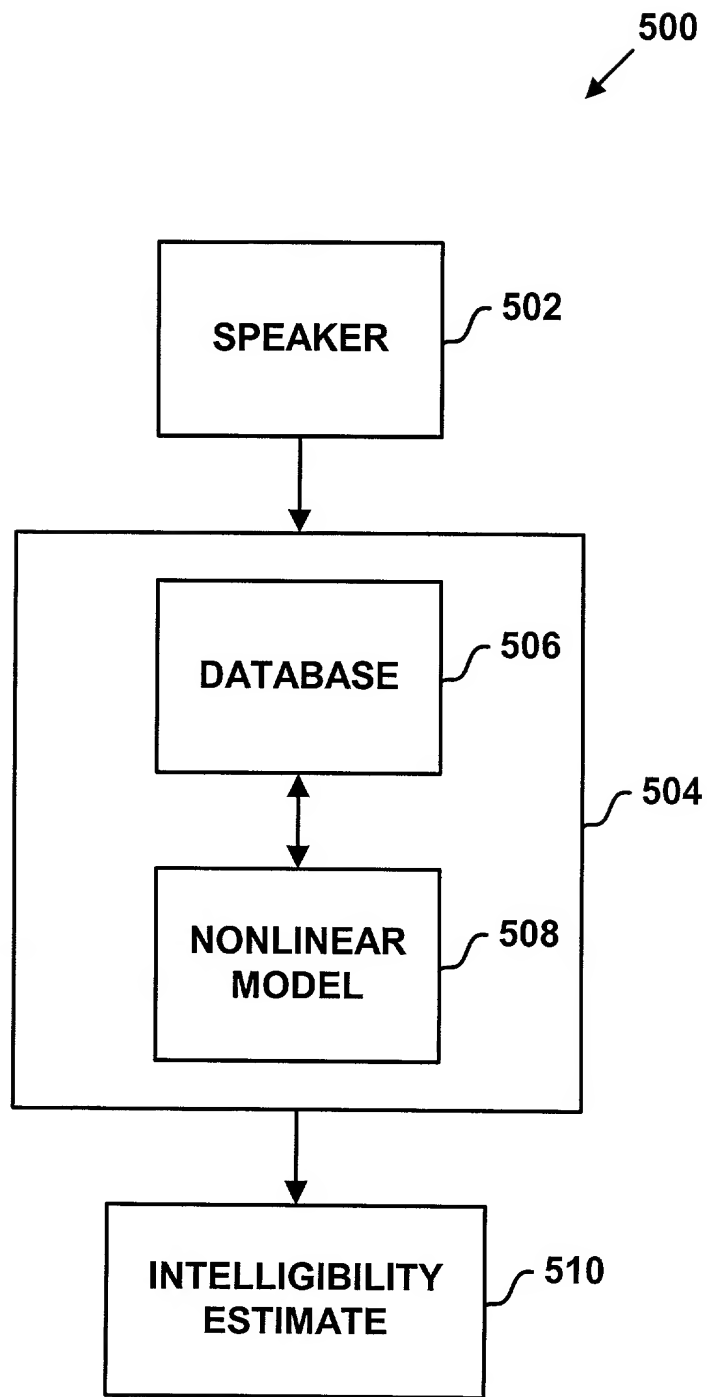
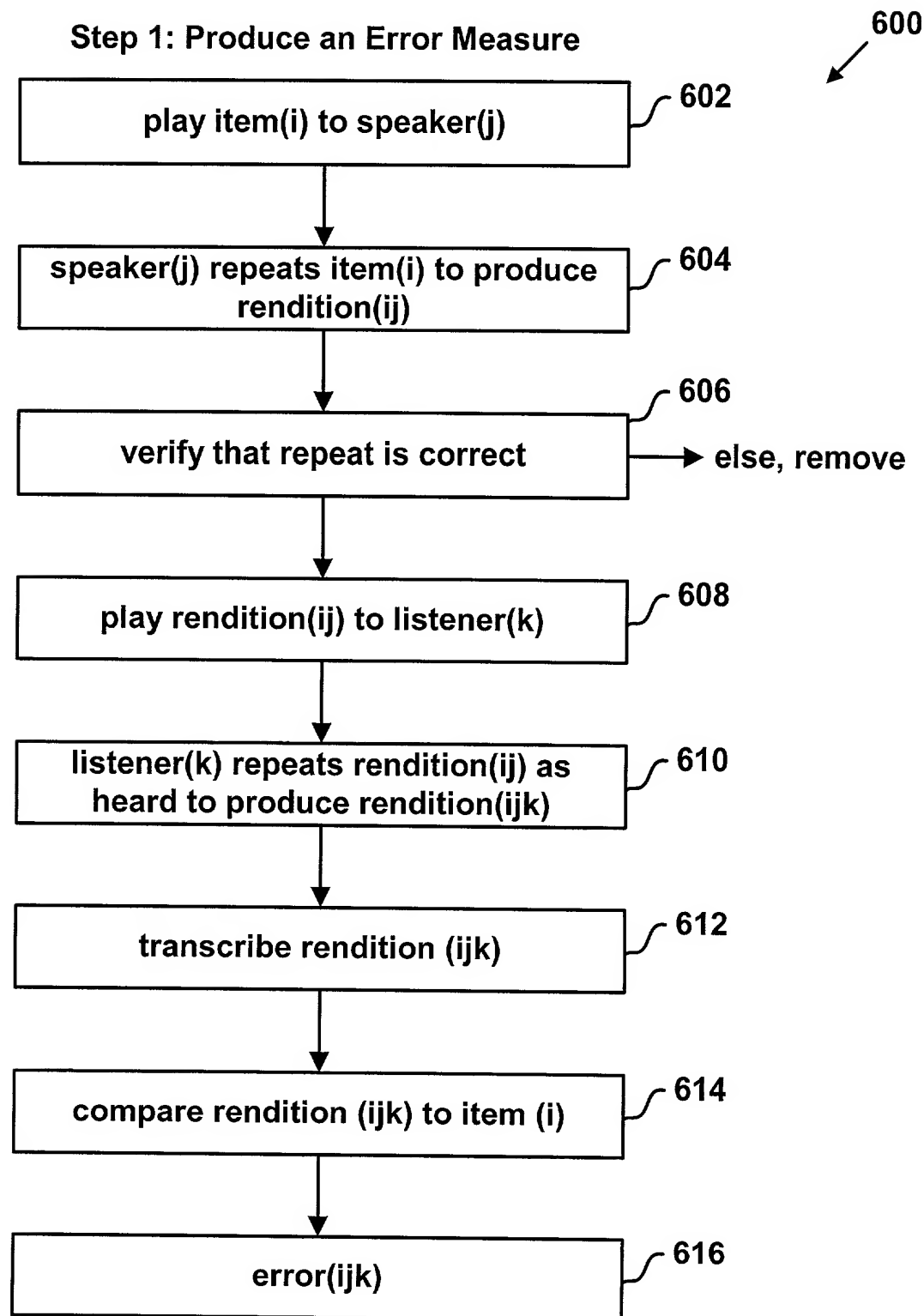


Fig. 4



**Fig. 5**



**Fig. 6**

## Step 2: Reduce error measure to scores

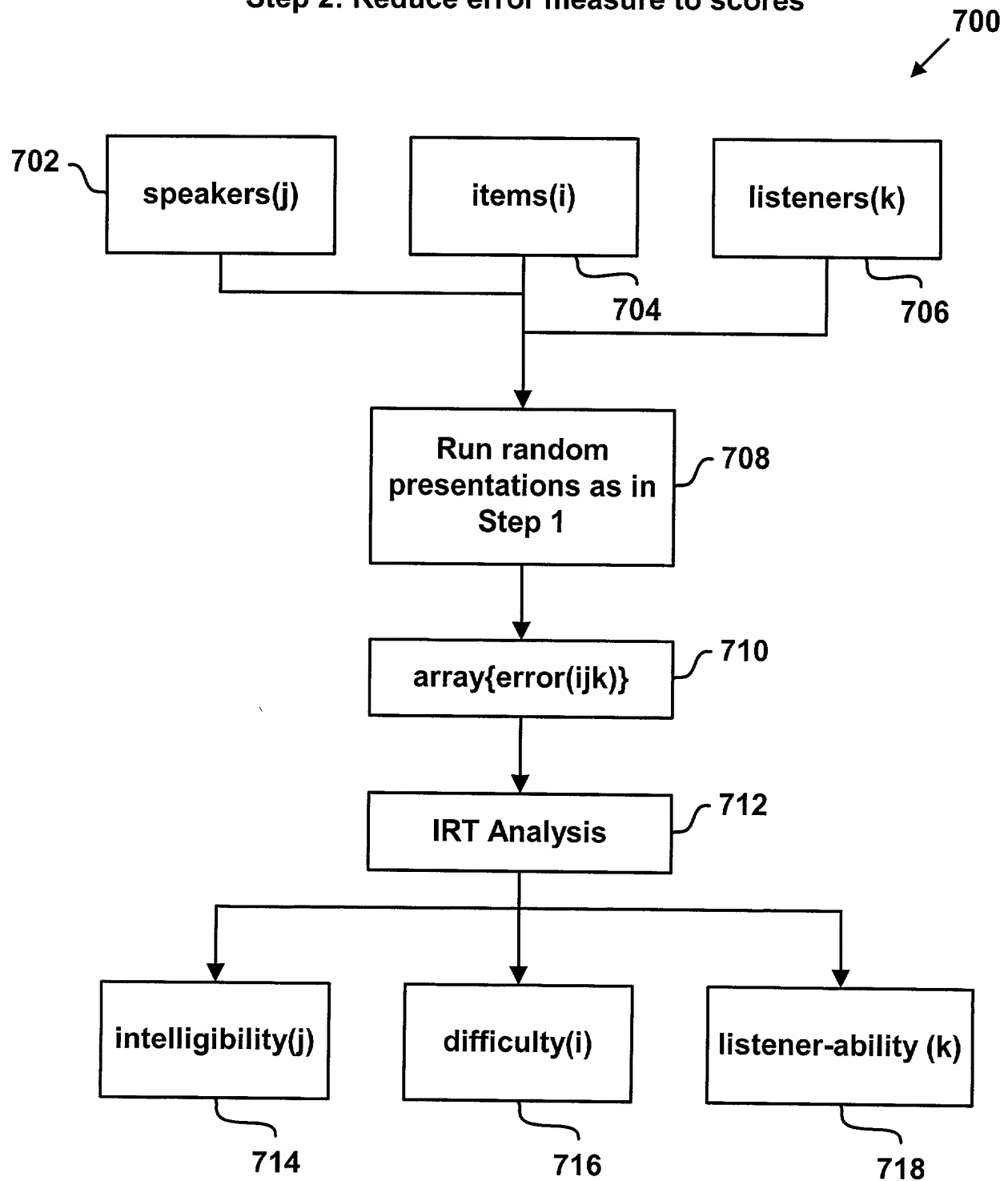
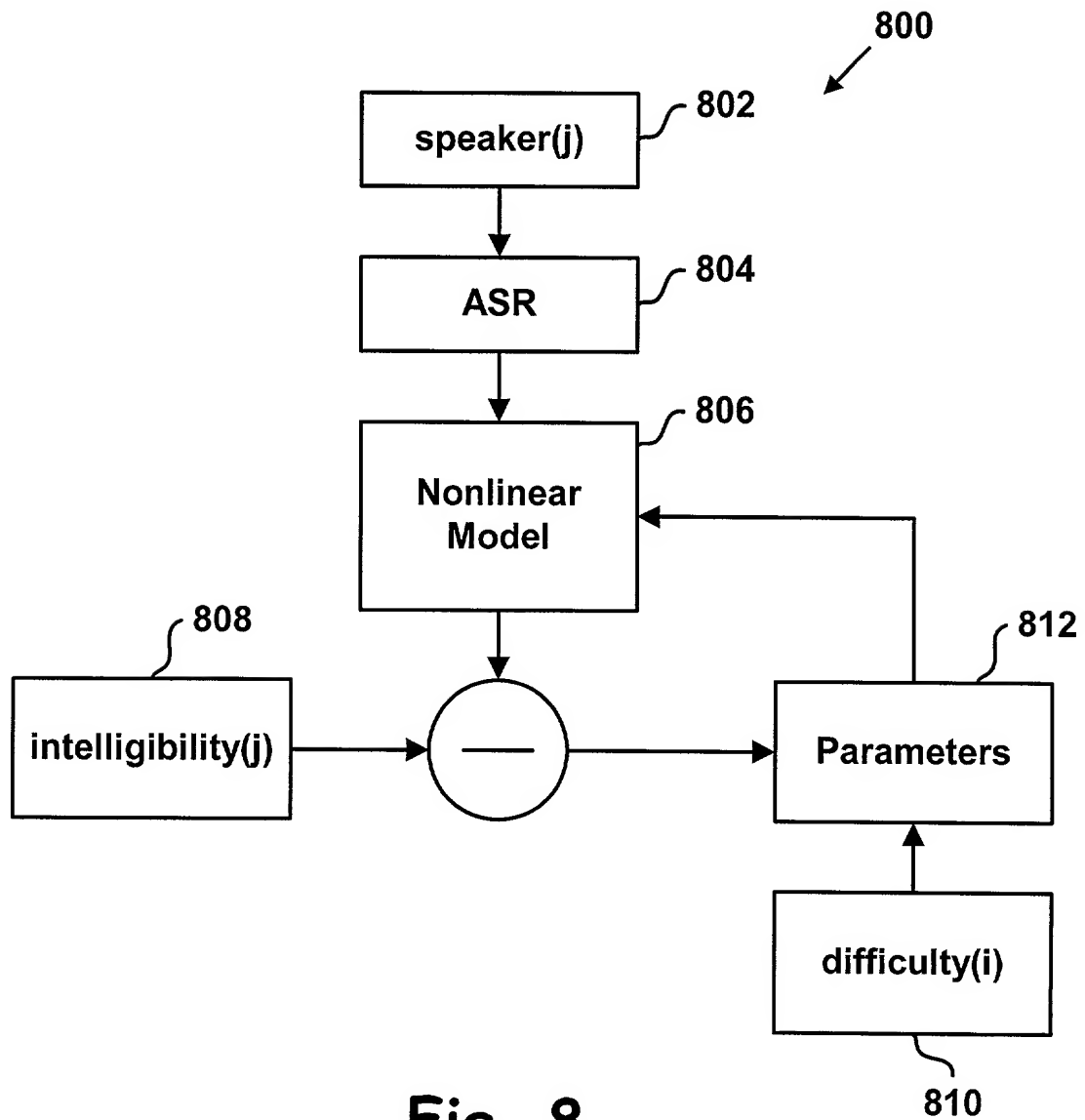


Fig. 7

### Step 3: Optimize listener model



**Fig. 8**



#### Step 4: Production Intelligibility Estimation

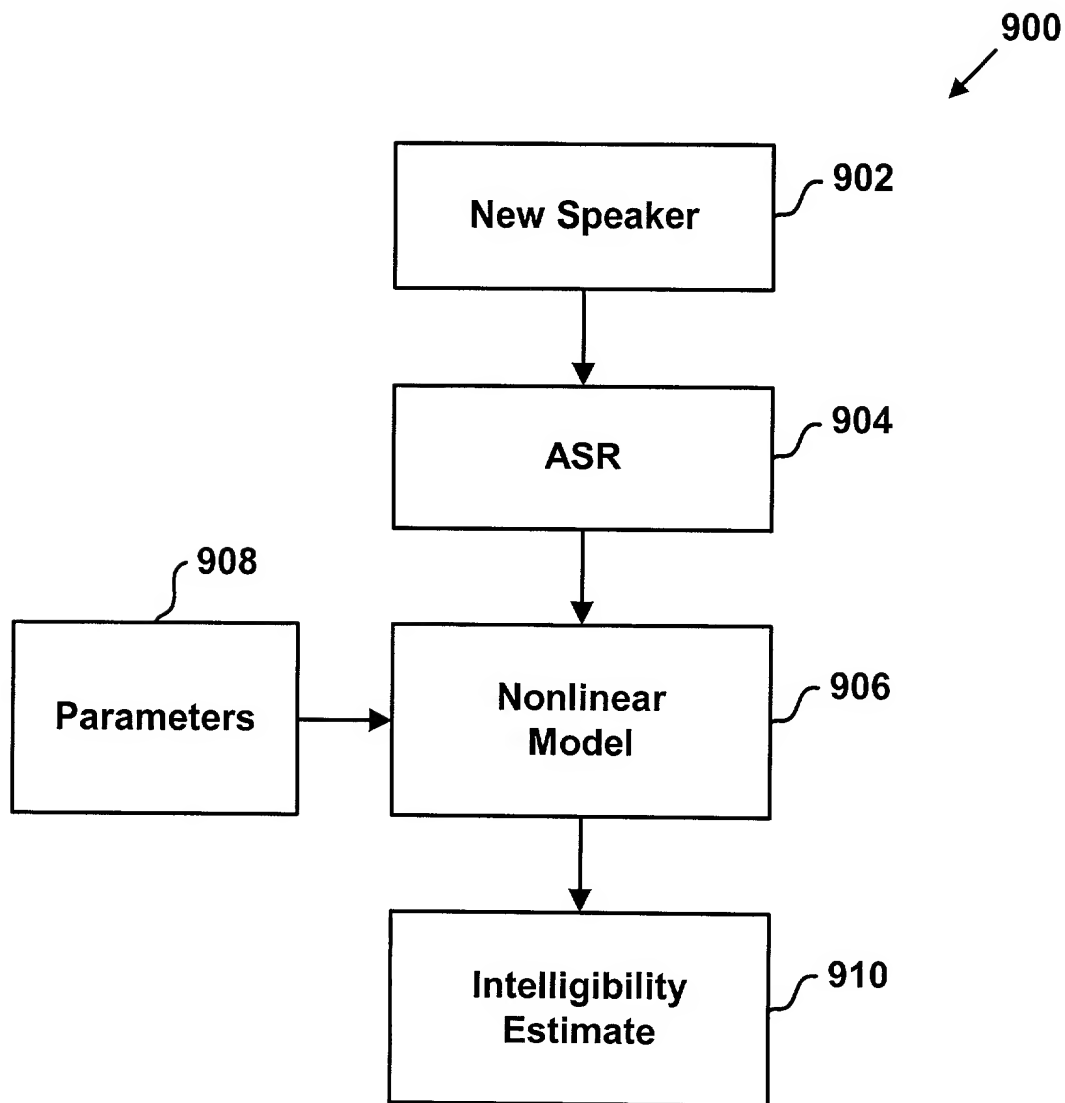


Fig. 9